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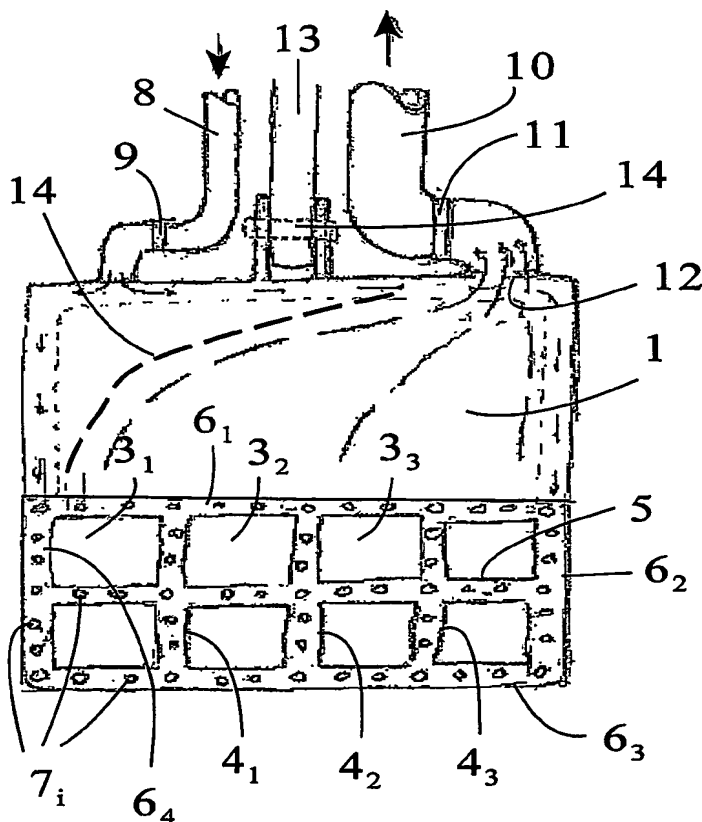
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(54) Title: **SUBSEA EXCAVATION AND SUCTION DEVICE**



(57) Abstract: Subsea excavation and suction device comprising a suction head (1) with an inlet opening (3) at an outer, free end and an outlet opening (12) connected to a suction hose (10) arranged at a distance from the inlet opening (3). The suction head (1) is mounted on a hydraulic controller arm (13) and has at the inlet opening (3) provided with mechanic and hydraulic means to disintegrate solid material (sediment). The hydraulic means comprise a number of jet nozzles (7) while the mechanic means comprise bars (4, 5). The cross-sectional area of the inlet opening (3) is larger than the cross-sectional area of the outlet opening (12).



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